

CERTIFICATION STANDARDS & CORE PLUS DEVELOPMENT GUIDE
SPRDE – PROGRAM SYSTEMS ENGINEER LEVEL2

Type of Assignment	Representative Activities
Acquisition Program Systems Engineer	<ul style="list-style-type: none"> ● Applies systems engineering technical and technical management processes in IPTs. ● Develops program/project systems engineering plans, etc.
Sustainment Program Systems Engineer	<ul style="list-style-type: none"> ● Applies systems engineering processes in program offices and/or user support teams for in-service, out-of-production systems. ● Develops system upgrade/modification plans to support new or interoperability requirements. ● Develops obsolescence mitigation, technology insertion/modernization, reliability/maintainability improvement, etc., plans, as appropriate.

Core Certification Standards (Required for DAWIA certification.)

Acquisition Training	<ul style="list-style-type: none"> ● <u>ACQ 201A</u> Intermediate Systems Acquisition, Part A ● <u>ACQ 201B</u> Intermediate Systems Acquisition, Part B (R)
Functional Training	<ul style="list-style-type: none"> ● <u>LOG 204</u> Configuration Management ● <u>SYS 202</u> Intermediate Systems Planning, Research, Development, and Engineering, Part I ● <u>SYS 203</u> Intermediate Systems Planning, Research, Development, and Engineering, Part II (R) ● <u>CLE 003</u> Technical Reviews ● One additional course must come from the following list: ● <u>BCF 106</u> Fundamentals of Cost Analysis ● <u>BCF 208</u> Software Cost Estimating (R) ● <u>IRM 202</u> Intermediate Information Systems Acquisition (R) ● <u>LOG 103</u> Reliability, Availability, and Maintainability (RAM) ● <u>PMT 251</u> Program Management Tools Course, Part I ● <u>PQM 201A</u> Intermediate Production, Quality, and Manufacturing, Part A ● <u>STM 202</u> Intermediate S&T Management (R) ● <u>TST 203</u> Intermediate Test and Evaluation (R)
Education	<ul style="list-style-type: none"> ● Baccalaureate or graduate degree in a technical or scientific field such as engineering, physics, chemistry, biology, mathematics, operations research, engineering management, or computer science
Experience	<ul style="list-style-type: none"> ● 4 years of experience in an acquisition position. Of that: <ul style="list-style-type: none"> ● - At least 3 years of experience in an SPRDE-SE, SPRDE-PSE, or SPRDE-S&TM acquisition position ● - Remainder may come from IT, T&E, PQM, PM, or LCL ● Similar experience gained from other government positions or industry is acceptable as long as it meets the above standards

Core Plus Development Guide (Desired training, education, and experience)	Type of Assignment	
Training	Acq Prg Sys Eng	Sus Prg Sys Eng
<u>CLE 007</u> Lean Six Sigma for Manufacturing	✓	✓
<u>CLE 008</u> Six Sigma: Concepts and Processes	✓	✓
<u>CLE 017</u> Technical Planning	✓	✓
<u>CLE 021</u> Technology Readiness Assessments	✓	
<u>CLE 026</u> Trade Studies	✓	✓
<u>CLE 066</u> Systems Engineering for Systems of Systems	✓	✓
<u>CLL 022</u> Title 10 Depot Maintenance Statute Overview	✓	
<u>CLL 023</u> Title 10 U.S.C. 2464 Core Statute Implementation		✓
<u>CLL 024</u> Title 10 Limitations on the Performance of Depot-Level Maintenance (50/50)		✓
<u>CLL 025</u> Depot Maintenance Interservice Support Agreements (DMISA)		✓
<u>LOG 103</u> Reliability, Availability, and Maintainability (RAM)		✓
<u>LOG 200</u> Intermediate Acquisition Logistics, Part A	✓	
<u>LOG 201</u> Intermediate Acquisition Logistics, Part B (R)	✓	
<u>LOG 235</u> Performance-Based Logistics	✓	
<u>PQM 201A</u> Intermediate Production, Quality, and Manufacturing, Part A		✓
<u>PQM 201B</u> Intermediate Production, Quality, and Manufacturing, Part B (R)		✓
<u>TST 203</u> Intermediate Test and Evaluation (R)		✓
Education		
● Advanced degree or graduate studies in engineering, physics, chemistry, biology, mathematics, operations research, engineering management, computer science or a related field.		
Experience		
● None specified		

Notes:

- 1** The Core Certification Standards section lists the training, education, and experience REQUIRED for certification at this level.
- 2** "(R)" following a course title indicates the course is delivered as resident based instruction.
- 5** When preparing your IDP, you and your supervisor should consider the training, education, and experience listed in the Core Plus Development Guide at this and the lower level(s) if not already completed.
- 13** Some continuous learning (CL) modules have been created by extracting lessons in their entirety from a training course. If this is the case for the CL module(s) identified in the above core certification standards, the course from which the CL module was extracted is identified in the "Notes" section of the CL course description and the course can be substituted to meet the certification standard.